

IN THE CLAIMS

Please cancel Claims 2-4, 9-11 and 19-22, without prejudice or disclaimer of subject matter.

Please amend Claims 1, 5-8 and 12-18, to read as follows.

1. (Currently Amended) An apparatus for recording speech to be used as learning data for recognizing input speech, comprising:

storage means for storing a recording character string indicating a sentence to be recorded;

display control means for controlling displaying of the recording character string indicating the sentence to be recorded;

recognition means for recognizing input speech ~~for use as the learning data so as to obtain~~ of the displayed sentence that a user reads out, and for obtaining a recognized character string corresponding to the stored recording character string;

determination means for comparing a pattern of the recognized character string with a pattern of the recording character string ~~stored in said storage means~~ so as to obtain a matching rate therebetween, and for determining whether the matching rate exceeds a predetermined level; ~~and~~

recording means for recording the input speech as the learning data for recognizing speech when it is determined by said determination means that the matching rate exceeds the predetermined level;

re-input instruction means for issuing an instruction to input speech once again when it is determined by said determination means that the matching rate does not exceed the predetermined level; and

presentation means for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern.

2-4. (Canceled)

5. (Currently Amended) An apparatus according to claim [[4]] 1, wherein said presentation means presents the unmatched portion so as to identify the type of error as an insertion error, a ~~missing~~ deletion error, or a ~~substitute~~ substitution error, as ~~a result of performing the DP matching by~~ determined by said determination means.

6. (Currently Amended) An apparatus according to claim [[4]] 1, wherein said presentation means simultaneously displays the recognized character string and the recording character string on a screen by changing a character attribute or a background attribute of an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string.

7. (Currently Amended) An apparatus according to claim [[4]] 1, wherein said presentation means simultaneously displays the recognized character string and the recording character string on a screen by causing an unmatched portion or a

matched portion of at least one of the recognized character string and the recording character string to blink.

8. (Currently Amended) A method for recording speech, to be used as learning data for recognizing input speech, comprising:

a display control step of controlling displaying of a recording character string indicating a sentence to be recorded;

~~a recognition step of recognizing input speech for use as the learning data so as to obtain~~ of the displayed sentence that a user reads out, and for obtaining a recognized character string;

a determination step of comparing a pattern of the recognized character string with a pattern of a the recording character string ~~indicating a sentence to be recorded~~ so as to obtain a matching rate therebetween, and of determining whether the matching rate exceeds a predetermined level; ~~and~~

a recording step of recording the input speech as the learning data for recognizing speech when it is determined in said determination step that the matching rate exceeds the predetermined level;

a re-input instruction step of issuing an instruction to input speech once again when it is determined in said determination step that the matching rate does not exceed the predetermined level; and

a presentation step of presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern.

9-11. (Canceled)

12. (Currently Amended) A method according to claim [[11]]8, wherein said presentation step presents the unmatched portion so as to identify the type of error as an insertion error, a ~~missing~~ deletion error, or a ~~substitute~~ substitution error, as a result of ~~performing the DP matching in~~ determined in said determination step.

13. (Currently Amended) A method according to claim [[11]] 8, wherein said presentation step simultaneously displays the recognized character string and the recording character string on a screen by changing a character attribute or a background attribute of an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string.

14. (Currently Amended) A method according to claim [[11]] 8, wherein said presentation step simultaneously displays the recognized character string and the recording character string on a screen by causing an unmatched portion or a matched portion of at least one of the recognized character string and the recording character string to blink.

15. (Currently Amended) A speech recognition system comprising:
storage means for storing a recording character string ~~pattern~~ indicating a sentence to be recorded;

display control means for controlling displaying of the recording character string indicating the sentence to be recorded;

recognition means for recognizing input speech, ~~to be used as learning data, so as to obtain~~ of the displayed sentence that a user reads out, and for obtaining a recognized character string pattern corresponding to the recording character string pattern;

determination means for comparing the a pattern of the recognized character string with the a pattern of the recording character string ~~stored in said storage~~ means so as to obtain a matching rate therebetween, and for determining whether the matching rate exceeds a predetermined level;

recording means for recording the input speech as the learning data for recognizing speech when it is determined by said determination means that the matching rate exceeds the predetermined level; ~~and~~

re-input instruction means for issuing an instruction to input speech once again when it is determined by said determination means that the matching rate does not exceed the predetermined level;

presentation means for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern; and

learning means for performing learning on a speech model by using the input speech recorded by said recording means,

wherein said recognition means performs speech recognition by using speech data learned by said learning means.

16. (Currently Amended) A speech recognition method comprising:

a display control step of controlling displaying of a recording character string indicating a sentence to be recorded;

~~a learning recognition step of recognizing input speech, to be used as learning data, so as to obtain~~ of the displayed sentence that a user reads out, and for obtaining a recognized character string;

a determination step of comparing a pattern of the recognized character string with a pattern of a the recording character string ~~indicating a sentence to be recorded~~ so as to obtain a matching rate therebetween, and of determining whether the matching rate exceeds a predetermined level;

a recording step of recording the input speech as the learning data for recognizing speech when it is determined in said determination step that the matching rate exceeds the predetermined level;

a re-input instruction step of issuing an instruction to input speech once again when it is determined in said determination step that the matching rate does not exceed the predetermined level;

a presentation step of presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern;

a learning step of performing learning on a speech model by using the input speech recorded in said recording step; and

a recognition step of recognizing unknown input speech by using the speech model learned in said learning step.

17. (Currently Amended) A computer readable medium storing a control program having computer readable program code units for allowing a computer to execute a speech recording method, said control program comprising:

a first program code unit for controlling displaying of a recording character string indicating a sentence to be recorded;

a ~~first~~ second program code unit for recognizing input speech ~~used as learning data so as to obtain~~ of the displayed sentence that a user reads out, and for obtaining a recognized character string ~~pattern~~;

a ~~second~~ third program code unit for comparing a pattern of the recognized character string with a pattern of a ~~the~~ recording character string ~~indicating a sentence to be recorded~~ so as to obtain a matching rate therebetween, and ~~of~~ for determining whether the matching rate exceeds a predetermined level; and

a ~~third~~ fourth program code unit for recording the input speech as the learning data for recognizing speech when it is determined in by said ~~second~~ third program code unit that the matching rate exceeds the predetermined level;

a fifth program code unit for issuing an instruction to input speech once again when it is determined by said third program code unit that the matching rate does not exceed the predetermined level; and

a sixth program code unit for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern.

18. (Currently Amended) A computer readable medium storing a control program for allowing a computer to execute a speech recognition method, said control program comprising:

a first program code unit for controlling displaying of a recording character string indicating a sentence to be recorded;

a first ~~second~~ program code unit for recognizing input speech, to be used as learning data, so as to obtain of the displayed sentence that a user reads out, and for obtaining a recognized character string;

a ~~second~~ third program code unit for comparing a pattern of the recognized character string with a pattern of a the recording character string ~~indicating a sentence to be recorded~~ so as to obtain a matching rate therebetween, and ~~of~~ for determining whether the matching rate exceeds a predetermined level;

a ~~third~~ fourth program code unit for recording the input speech as the learning data for recognizing speech when it is determined ~~in~~ by said ~~second~~ third program code unit that the matching rate exceeds the predetermined level;

a fifth program code unit for issuing an instruction to input speech once again when it is determined by said third program code unit that the matching rate does not exceed the predetermined level;

a sixth program code unit for presenting to the user an unmatched portion between the recognized character string pattern and the recording character string pattern;

a ~~fourth~~ seventh program code unit for performing learning on a speech model by using the input speech recorded ~~in~~ by said ~~third~~ fourth program code unit; and

~~a fifth~~ an eighth program code unit for recognizing unknown input speech
by using the speech model learned ~~in~~ by said ~~fourth~~ seventh program code unit.

19-22. (Canceled)